

About Engines & Fuels

Measuring Cellular Energy Metabolism

Seminar

December 8, 2016 15.30-17.00

Universität zu Lübeck

Center of Brain, Behavior and
Metabolism (CBBM)

no fee, no restration



Presenter:

Dr. Werner Kammerloher

Agilent Technologies

Seahorse Instrument Specialist

Metabolism is the key to understanding cell function

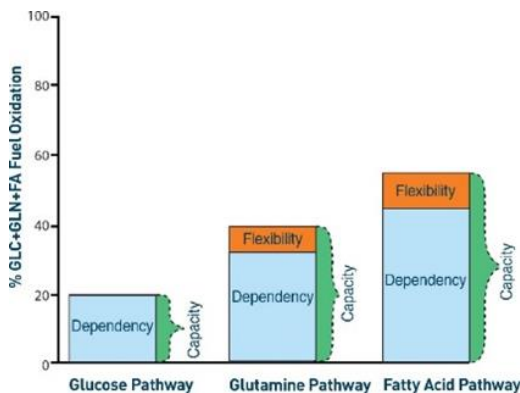
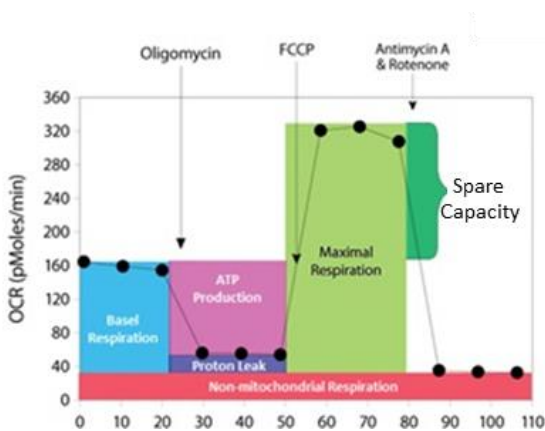
In living cells, most of the energy produced is derived from three fuel sources: glucose, glutamine, and fatty acids. Mitochondrial access to these fuels impacts a wide variety of biological processes.

Using the Seahorse XF Analyzer you can:

- Detect Metabolic Switches between Glycolysis and OXPHOS
- Uncover mitochondrial impairments
- Identify fuel dependencies to uncover cancer cell vulnerabilities.
- Explore how fuel preferences lead to cell fate decisions for differentiation and immune cell activation.
- Distinguish metabolic adaptations due to genetic changes vs. those that take place due to nutrient deprivation.
- And much more

For any question please contact:

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Seminar

Seahorse Bioscience

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www.seahorsebio.com